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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/517,442	12/23/2004	Juha Kallio	59643.00548	5666

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EXAMINER

MEHRPOUR, NAGHMEH

ART UNIT PAPER NUMBER

2617

DATE MAILED: 10/18/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

10/517,442

Applicant(s)

KALLIO, JUHA

Examiner

Naghmeh Mehrpour

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☐ Responsive to communication(s) filed on 03 August 2006.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 28-54 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 28-54 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Claim Rejections - 35 USC § 102*

1. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

2. **Claims 28-54**, are rejected under 35 U.S.C. 102(e) as being anticipated by Heinonen et al. (US publication 2004/0202132 A1).

Regarding claims 1, 41 54, Heinonen teaches a communication for providing event specific profile to mobile terminal (see figure 1, 0048-0051) comprising:

an application server associated with the event (0048-0049);  
a mobile communication network for receiving even specific characterizes from the application server (0051-0053); and  
at least one mobile terminal for connection in the network (0048, figure 1);  
wherein the mobile network notifies the application server if the mobile terminal is associated with the server transmits the event specific profile to the mobile terminal (0077).

Regarding claims 29, 42, Heinonen teaches a method wherein the profile includes a collection of user setting or preferences (0054).

Regarding claims 30, 43, Heinonen teaches a method wherein the profile includes user manageable settings (0053-0054).

Regarding claims 31, 44, Heinonen teaches a method wherein the profile includes a custom or event specific profile package (0049, 0053).

Regarding claims 32, 45, Heinonen teaches a method wherein the step of installing the profile in the mobile station (0048, 0054).

Regarding claims 33, 46, 48, Heinonen teaches a method wherein the event is a location dependent event, the step of detecting an association of a mobile terminal with the event comprising detecting a location of the mobile (0051, 0058),

Regarding claims 34, 47, Heinonen teaches a method wherein the event is a time dependent, the step of detecting an association of a mobile terminal with the detecting the location of mobile within a predetermined time period (0048, 0077).

Regarding claim 35, Heinonen teaches a method wherein the predetermined period correspond to duration of the event (0048).

Regarding claim 36, Heinonen teaches a method comprising removing the profile from the mobile responsive to the termination of the event (0048, 0091).

Regarding claim 38, Heinonen teaches a method wherein removing step comprising transmitting a termination signal to the mobile terminal responsive to which the profile is deleted (0091).

Regarding claim 39, Heinonen teaches a method wherein the profile includes a link to event specific information (0091).

Regarding claim 40, Heinonen teaches a method wherein the profile includes a link to an instant community (0081).

Regarding claim 49, Heinonen teaches an application server wherein the second communication interface receives details of a mobile located in the location (0100).

Regarding claim 50, Heinonen inherently teaches an application server wherein the details include the identity of the mobile (0051, 0077, 0117).

Regarding claim 51, Heinonen teaches an application server wherein the first and the second communication interfaces are a fixed line communication interface (see figure 1, 0048).

Regarding claim 52, Heinonen teaches an application server wherein the third communication interface is a mobile communication interface (figure 1, 0048).

Regarding claim 53, Heinonen teaches an application server wherein the third communication interface is a GPRS or Bluetooth interface (0048, 0050).

***Response to Arguments***

3. Applicant's arguments filed 11/23/05 have been fully considered but they are not persuasive.

In response to the applicant's to the applicant's argument that "*Heinonen does not teach allocating a profile to a specific event, detecting an association of the mobile terminal with the specific event, or transmitting the profile to the mobile upon detecting the association of the mobile terminal with the event*" and *response message of Heinonen is not taught as containing the profile information recited in independent claim 28*".

The Examiner asserts that Heinonen teaches FIG. 1 shows the user's wireless device 100 at a first location "A Street" near two short range wireless access points 140 and 140A and then later at a second location "B Street", near a regional cellular telephone access point 148. The mobile wireless device 100 of FIG. 1, is equipped with circuits 103 for short range wireless systems and circuits 105 for cellular telephone communications systems. Short range wireless systems include wireless personal area networks (PANs), such as Bluetooth networks and IrDA Infrared Data Protocol networks, and wireless local area networks (LANs), such as the IEEE 802.11 wireless

LANs and HiperLAN networks. Cellular telephone communications systems include GSM, GPRS, UMTS, EDGE, and the like. An example of such a mobile wireless device 100 is a Bluetooth-equipped GSM cellular telephone. During an initial period when the mobile wireless device 100 is within the coverage area of the short range wireless access point 140, it sends a request for service to be obtained, for example, over the Internet 144 from network server 180. In this example, the short range wireless access point 140 is a Bluetooth access point and the short range wireless circuits in the mobile wireless device 100 are Bluetooth circuits. The user has previously actuated the Bluetooth mode button "BT" on the keypad 104 and the Bluetooth circuits have completed their exchanged of inquiry, paging, and service discovery packets with the Bluetooth access point 140. In this example, the user wishes to view the daily news service provided by the server 180. FIG. 1A is a flow diagram of processing the user's service request in the access point 140. Step 340 receives the user request 420, which is shown in FIG. 1C. The Bluetooth packet structure 420 for the user's request 425, includes the access code 422 for the piconet master in the piconet formed by the mobile Bluetooth device 100 and the Bluetooth access point 140, the header 424 containing the slave device number 421 and the packet type 423, and the payload portion. The payload portion includes the payload header 427 and the payload data 428. The user's service request 425 to the server 180 is contained in the payload data 428. In step 342 of the flow diagram of FIG. 1A, the Bluetooth access point forwards the user's service request 425 in an augmented service request message 440 to the server 180. FIG. 1E is a data flow diagram

showing the service request 425 from the user's device 100 being forwarded by the access point 140 in the augmented service request message 440, over, for example, the LAN 142 and the Internet 144 to the content server 180. The augmented service request message 440 may include the payload data 281, the address 284 of the user's Bluetooth device 100, its class of device 286, access point geographic location information 288, the access point address 290, the destination server path name 292 and the destination server URL 294. FIG. 1E shows the augmented service request message 440 being sent to the news server 180.

In step 344 of the flow diagram of FIG. 1A, the Bluetooth access point receives a response message 435, shown in FIG. 1F, from server 180. FIG. 1F is a data flow diagram showing the content server 180 returning a response message 435 to the access point 140, including a local/global parameter 557 and a handoff address 582. The local/global parameter 557 specifies whether the service from the server 180 can be reached also through alternate channels or bearers. The response message 435 includes the local/global parameter 557, and may also include priority information 558, timer information 560, display mode information 562, content 564, a title 566, a bit map 568, soft key.sub.--1 selection information 570, soft key.sub.--2 selection information 572, soft key.sub.--3 selection information 574, location information 576, URL information 578, service type information 580, the handoff address 582 and an end marker 584. In step 346 of the flow diagram of FIG. 1A, the Bluetooth access point forwards the response message 435 to the user's Bluetooth device 100, as shown



in FIGS. 1D and 1G. FIG. 1D illustrates the Bluetooth packet structure 430 for the access point 140 forwarding a response message 435 to the user device 100, from the server 180. FIG. 1G is a data flow diagram showing the access point 140 sending the response message 435 to the user's mobile device 100. The Bluetooth packet structure 430 for the user's request 435, includes the access code 432 for the piconet master in the piconet formed by the mobile Bluetooth device 100 and the Bluetooth access point 140, the header 434 containing the slave device number 431 and the packet type 433, and the payload portion 436. The payload portion includes the payload header 437 and the payload data 438. The response message 435 is contained in the payload data 438. FIG. 1B is a flow diagram of processing in the mobile wireless device 100. In Step 350, the mobile wireless device 100 receives the server response message 435 and in step 352, it stores the local/global parameter 557 in a buffer in its memory 202, as shown in FIG. 1J. Optionally, the mobile wireless device 100 receives the handover address 582, which it stores in a buffer in its memory 202, as shown in FIG. 1J. The mobile wireless device 100 uses the information in the server response message 435 to contact the server over the Internet to download web pages or to conduct other server operations. Regions outside the coverage area of the short range wireless access point 140 of FIG. 1, are typically covered by regional cellular telephone access points 148, such as cellular telephone base stations. Suitable cellular telephone systems include GSM, GPRS, UMTS, EDGE, and the like. In accordance with the invention, if the mobile wireless device 100 detects that it has left the coverage area of the short range wireless access point 140 while in contact

with the server 180, it will determine whether the global/local parameter 557 indicates that the service is global. This step is shown as step 354 in FIG. 1B. If decision block 356 determines that the parameter 557 is "Local", then step 358 ends the service with the server 180. Alternately, if the decision block 356 determines that the parameter 557 is "Global", then the process of FIG. 1B flows to step 360. As an example, the server 180 may have been in the process of downloading web pages when interrupted by the motion of the mobile device 100. If the parameter 557 is global, then the mobile wireless device 100 stores a bookmark of the server's URL 123, as shown in step 360. For example, the URL and path name may be saved for one of the prior web pages downloaded from the server 180. Then in step 362, the mobile wireless device 100 displays in FIG. 1, a notice 121 "GLOBAL" or some expression having a similar meaning, offering the user the option of continuing the contact with the server 180 over the regional cellular telephone network 116.

### **Conclusion**

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37

CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

**5. Any responses to this action should be mailed to:**

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Naghmeh Mehrpour whose telephone number is 571-272-7913. The examiner can normally be reached on 8:00- 6:00.

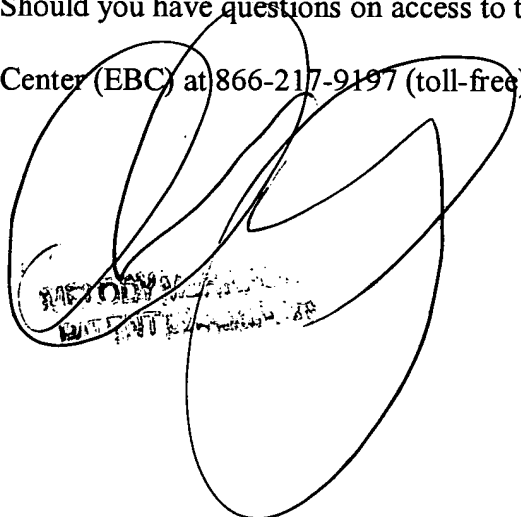
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Marsha Banks-Harold be reached (571) 272-7905.

The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

NM

October 11, 2006

A large, stylized handwritten signature in black ink is written over a rectangular official stamp. The stamp contains the text "NAGHMEH MEHROUR" in a bold, sans-serif font, with "PATENT EXAMINER" written in a smaller font below it. The signature is a complex, looping scribble that covers most of the stamp and extends into the surrounding white space.